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# Operations Report

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27-MAR-2003

CDF Weekly Meeting



# This Week's Stores

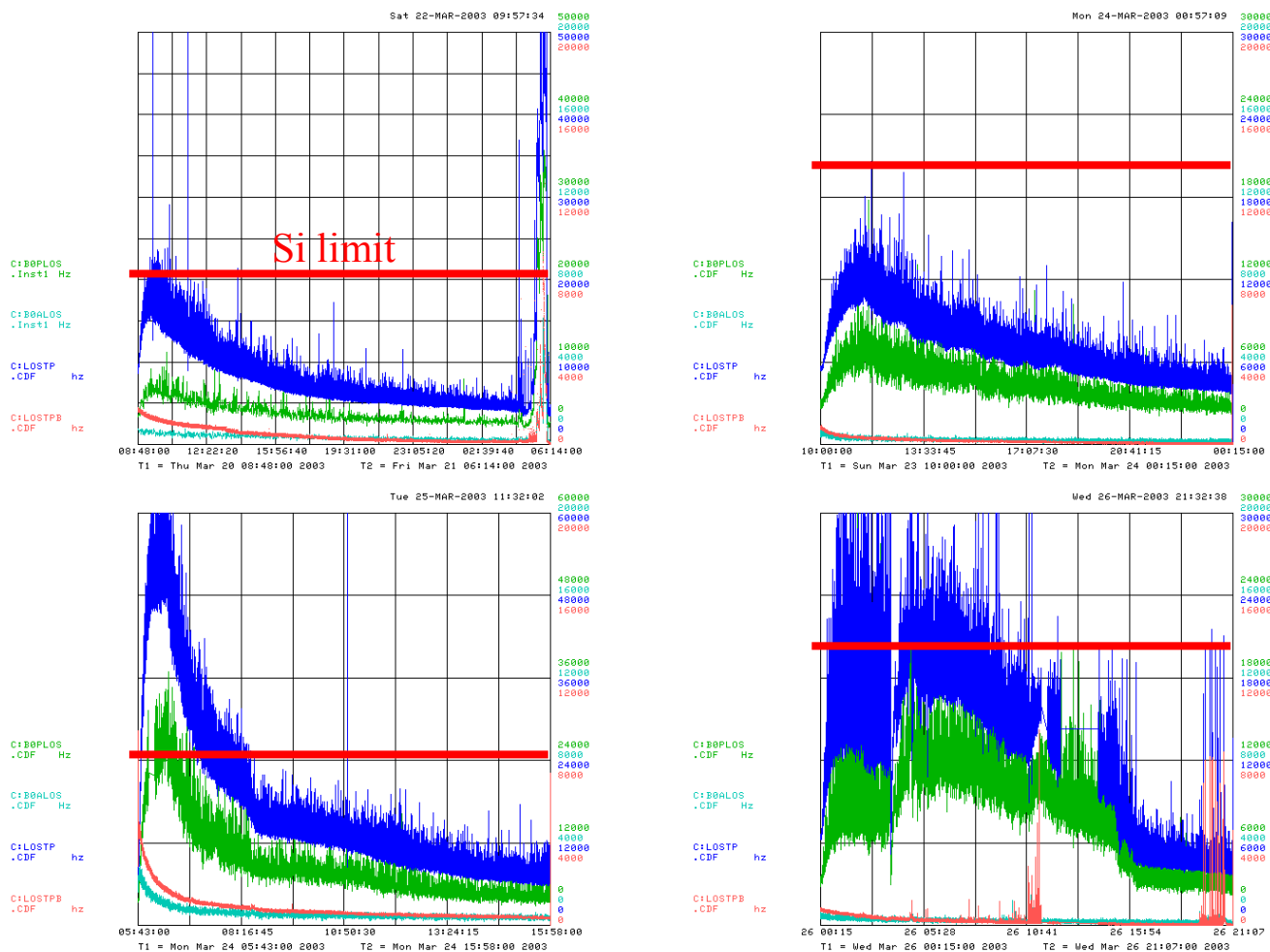
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Date	Store	Duration (h)	Inst Lum (initial)	Int Lum (delivered)	Int Lum (live)	$\epsilon$
Th 3/20	2328	21.4	41.4e30	1713.8	1397.8	81.6%
Su 3/23	2341	14.2	22.5e30	749.6	671.6	89.6%
Mo 3/24	2343	10.3	32.5e30	804.8	598.8	76.6%
We 3/26	2357	20.9	28.9e30	1180.6	989.5	83.8%

Main sources of down time have been LOSSES and in-store TeV studies



# Losses





# Accelerator Status

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- Not the best week they've ever had
- Lost several stores during scraping over the weekend
  - Collimators had developed gross position offsets
  - Source of offsets understood and fixed during studies on Tuesday
- Vacuum window broke in AP-2
  - Stacking rate severely degraded, then impossible
  - Replacing the window would require several days
  - Installed a new window farther downstream
    - Compromises stacking rate a bit; replace the real window during next shutdown
- High losses
  - Playing with orbit tunes hasn't helped much
  - Realigned collimators yesterday; this may help



# CDF Status

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- High deadtime issue:
  - First saw this at beginning of store 2328 (41e30) when DPS dialed us up above 14 kHz
  - Happened again for store 2341 (22e30)
  - Hasn't happened since
- Sick COT TDC
  - Source of bunch counter mismatches (requires HRR)
  - Not frequent enough to be a problem yet, but worrisome
  - Scurrying to get spare TDCs tested and certified
- Silicon FTMs
  - Made  $\sim 1$  zillion accesses last week to install safer versions of their “buffed-up” FTMs



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